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*JUL 22 2004*

Mail Stop ISSUE FEE  
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26161 7590 05/07/2004

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Cheryl A. Caron

(Depositor's name)

*Cheryl A. Caron*

(Signature)

July 20, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/008,963	10/25/2001	Mihai Ibanescu	01997-324001 / MIT 8757	3770

TITLE OF INVENTION: **DIELECTRIC WAVEGUIDE WITH TRANSVERSE INDEX VARIATION THAT SUPPORT A ZERO GROUP VELOCITY MODE AT A NON-ZERO LONGITUDINAL WAVEVECTOR**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	08/09/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, DUNG T.	2828	372-006000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Massachusetts Institute of Technology

Cambridge, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent):  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

Issue Fee

Publication Fee

Advance Order - # of Copies 10

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050 (enclose an extra copy of this form).

Director of Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

Marc M. Wefers\* for David L. Feigenbaum, Reg. No.30,378

(Authorized Signature)

(Date)

*7/20/04*

\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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07/23/2004 MMKONE1 00000055 10008963

01 FC:1501	1330.00	OP
02 FC:1504	300.00	OP
03 FC:8001	30.00	OP

TRANSMIT THIS FORM WITH FEE(S)



Attorney's Docket No.: 01997-324001 / MIT 8757

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mihai Ibanescu et al.  
Serial No. : 10/008,963  
Filed : October 25, 2001  
Art Unit : 2828  
Examiner : Dung T. Nguyen  
Confirmation No.: 3770  
Notice of Allowance Date: May 7, 2004  
Title : DIELECTRIC WAVEGUIDE WITH TRANSVERSE INDEX VARIATION THAT SUPPORT A ZERO GROUP VELOCITY MODE AT A NON-ZERO LONGITUDINAL WAVEVECTOR

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
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RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed May 7, 2004, enclosed are a completed issue fee transmittal form PTOL-85b and a check for \$1660 for the required issue fee and publication fee, including patent copies.

Please apply any additional charges or credits to our Deposit Account No. 06-1050, referencing Attorney Docket No. 01997-324001.

Respectfully submitted,

Date: 7/20/04

  
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Marc M. Wefers\* for  
David L. Feigenbaum  
Reg. No. 30,378

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

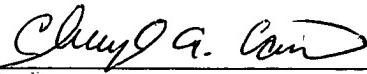
\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).  
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CHERYL A. CARON

Typed or Printed Name of Person Signing Certificate